

6dBi/ 8dBi @ Dual-Band 2.4/5 GHz Directional Antenna

LevelOne's WAN-1160 is a dual-band directional antenna which is designed for indoor wireless environments. With WAN-1160, you can improve signal strength/quality and increase signal coverage for the existing 802.11a 5.0GHz or 802.11b/g 2.4GHz wireless device in concentrated directions.

This antenna connects many wireless devices using SMA connector or the conversion adapter included in our WAN-1160 package. With the directional desktop panel design and sturdy stand, the antenna can be easily place in confined spaces to achieve maximum wireless coverage. There is no power-source needed in order to increase the flexibility of installation.

This antenna kit comes with antenna and the 1m ULA-100 extension cable and has been tested for mutually compatible functions with LevelOne's wireless access point, indoor building-to-building bridge and other wireless products equipped with reverse SMA Male connector and detachable antennas.



WAN-1160

Related Products



WNC-0301

108Mbps Wireless PCI Card



WAP-0003

108Mbps Wireless Access Point



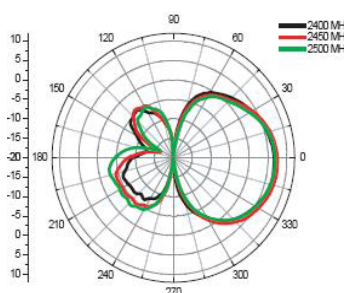
WAN-1060

6dBi Indoor Antenna Kit

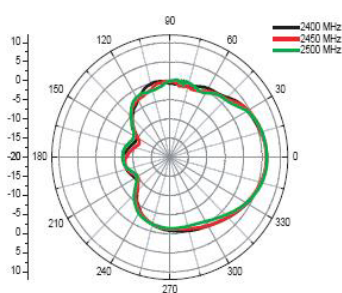
Key Features

- Dual-band for 802.11a 5.0GHz and 802.11b/g 2.4GHz Wireless applications
- Provides stable signals and extends coverage
- Directional operation
- Easy to located in limited space
- ULA-100 1m cable for wireless device with SMA connector

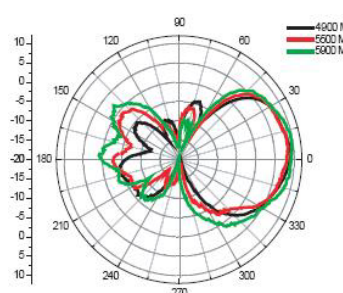
Radiation Patterns



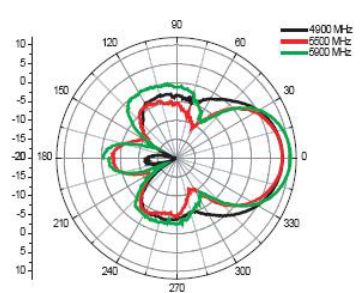
V-Plane Co-polarization



H-Plane Co-polarization



V-Plane Co-polarization



H-Plane Co-polarization

Technical Specification

Electrical Specification		
Frequency Band	2400MHz – 2500MHz	4900MHz – 5875MHz
Gain	6.0dBi	8.0dBi
VSWR	2.0:1 Max	2.0:1 Max
Polarization	Linear, Vertical	Linear, Vertical
HPBW / V	65°	60°
HPBW / H	70°	50°
Impedance	50 Ohms	
Connector	Quick RP-SMA Plug	
Cable	ULA100; 1m	
Cable loss	1.3dB	2.0dB
Environmental & Mechanical Characteristics		
Temperature	-10°C - +55°C	
Humidity	92% @ 25°C	
Radome Material	ABS	
Weight	90 gw	
Dimension	100mm x 70mm x 60mm	

Product Diagram



Ordering Information

- WAN-1160: 6dBi/8dBi @ Dual-band 2.4/5 GHz Directional Antenna